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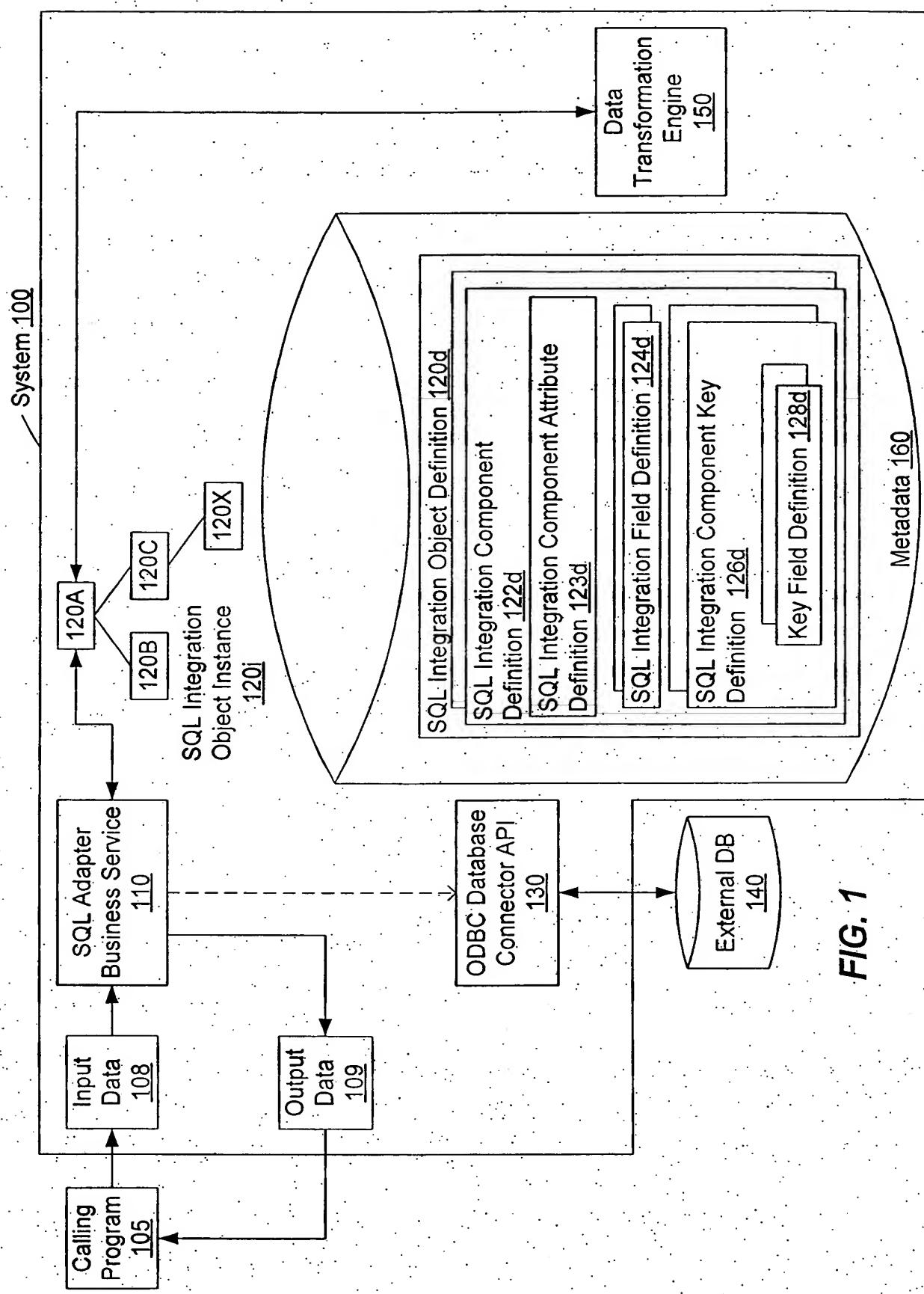


FIG. 1

Attomey Docket No.:
First Named Inventor:
Title:

M-11757 US
Arjun Chandrasekar Iyer
SQL Adapter Business Service

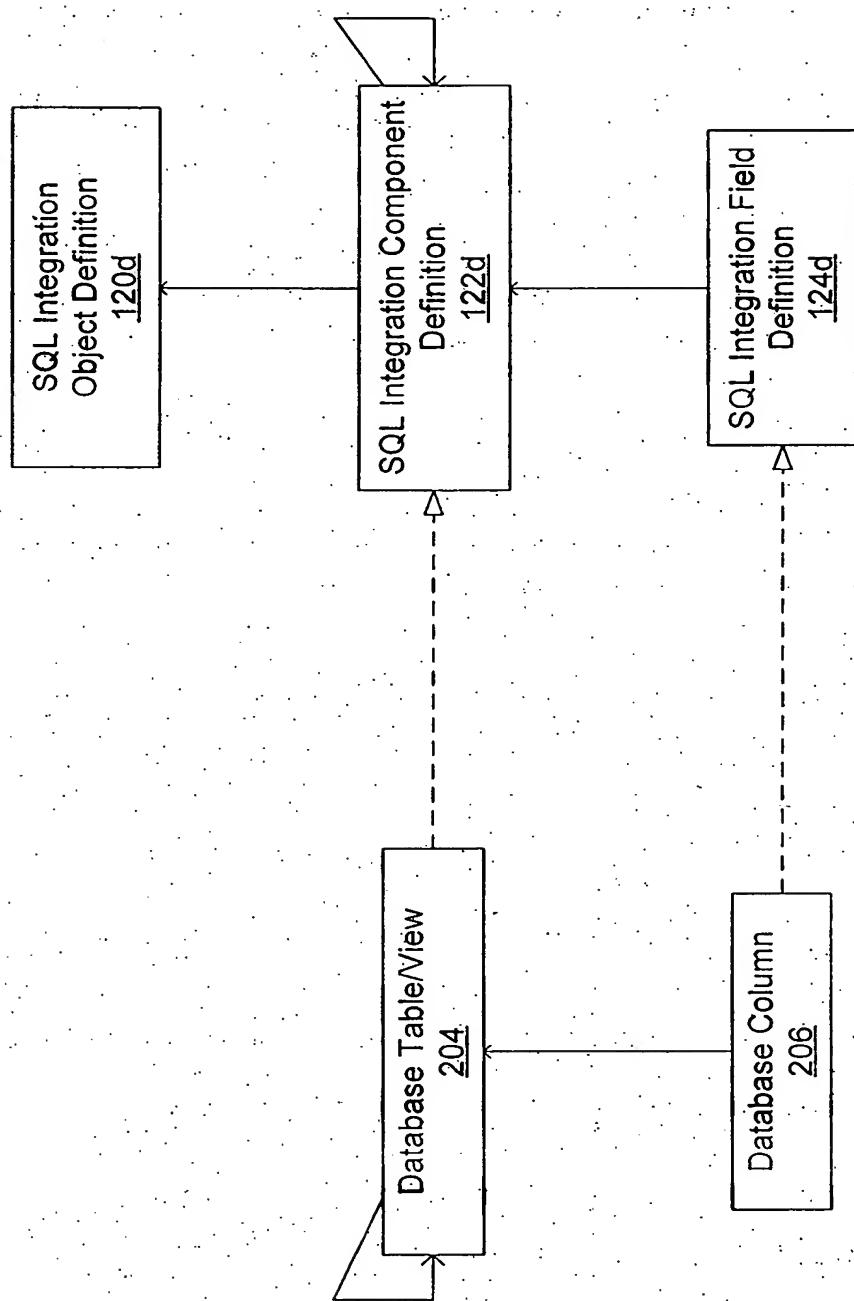
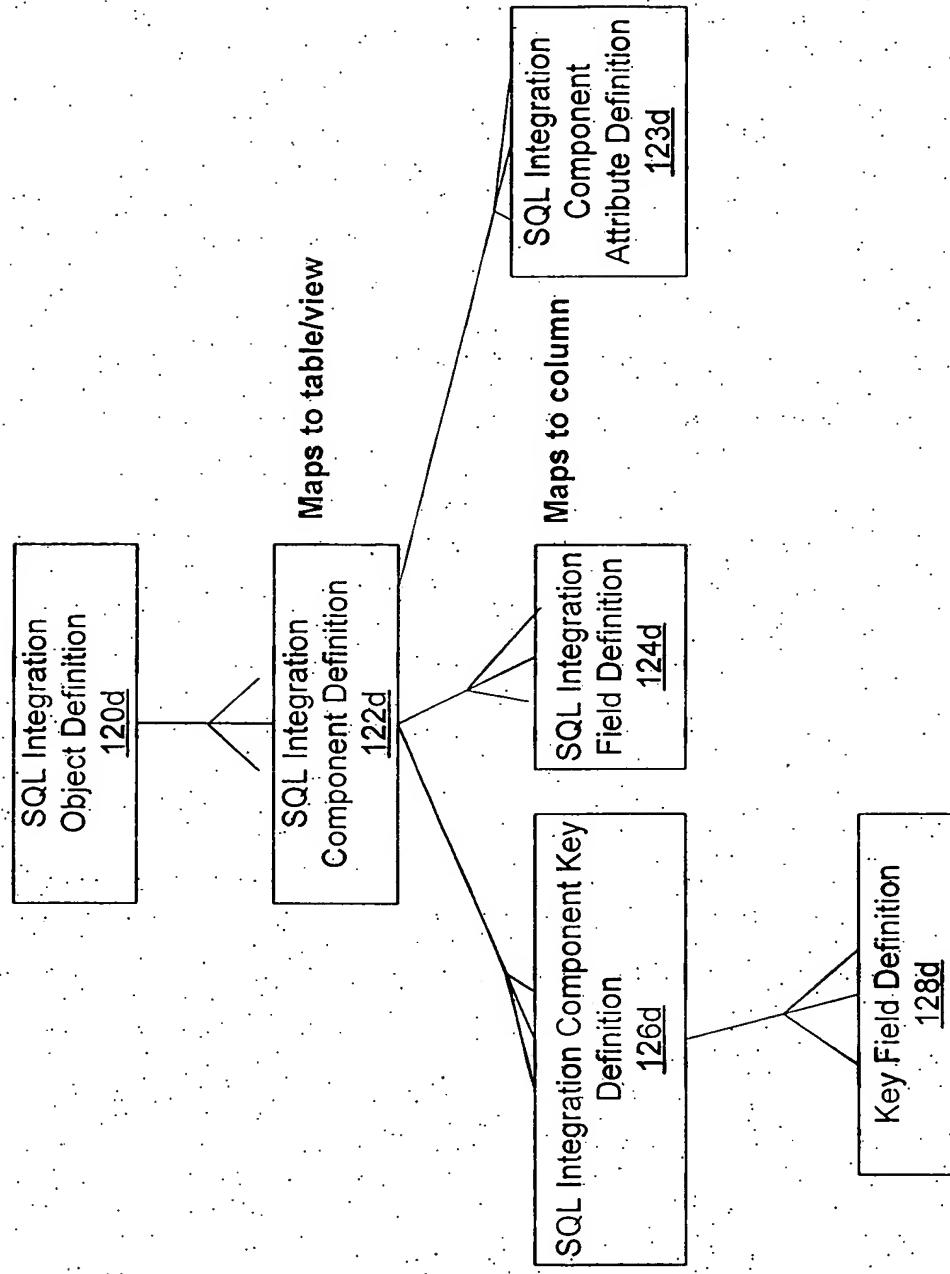


FIG. 2

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Arjun Chandrasekar Iyer
SQL Adapter Business Service



F/G. 3

SQL Integration Object Definition

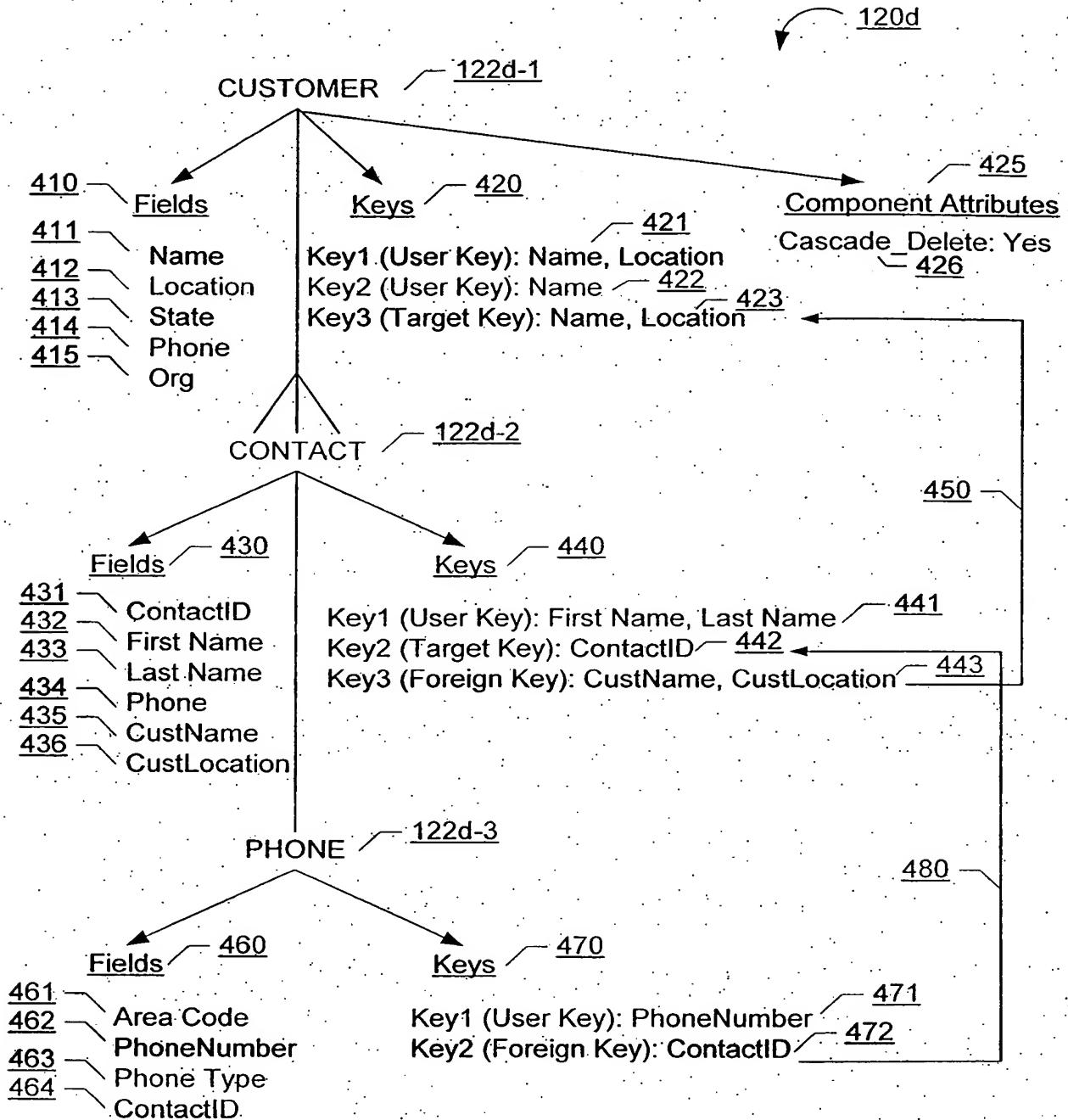


FIG. 4

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SQL Integration Object Instance

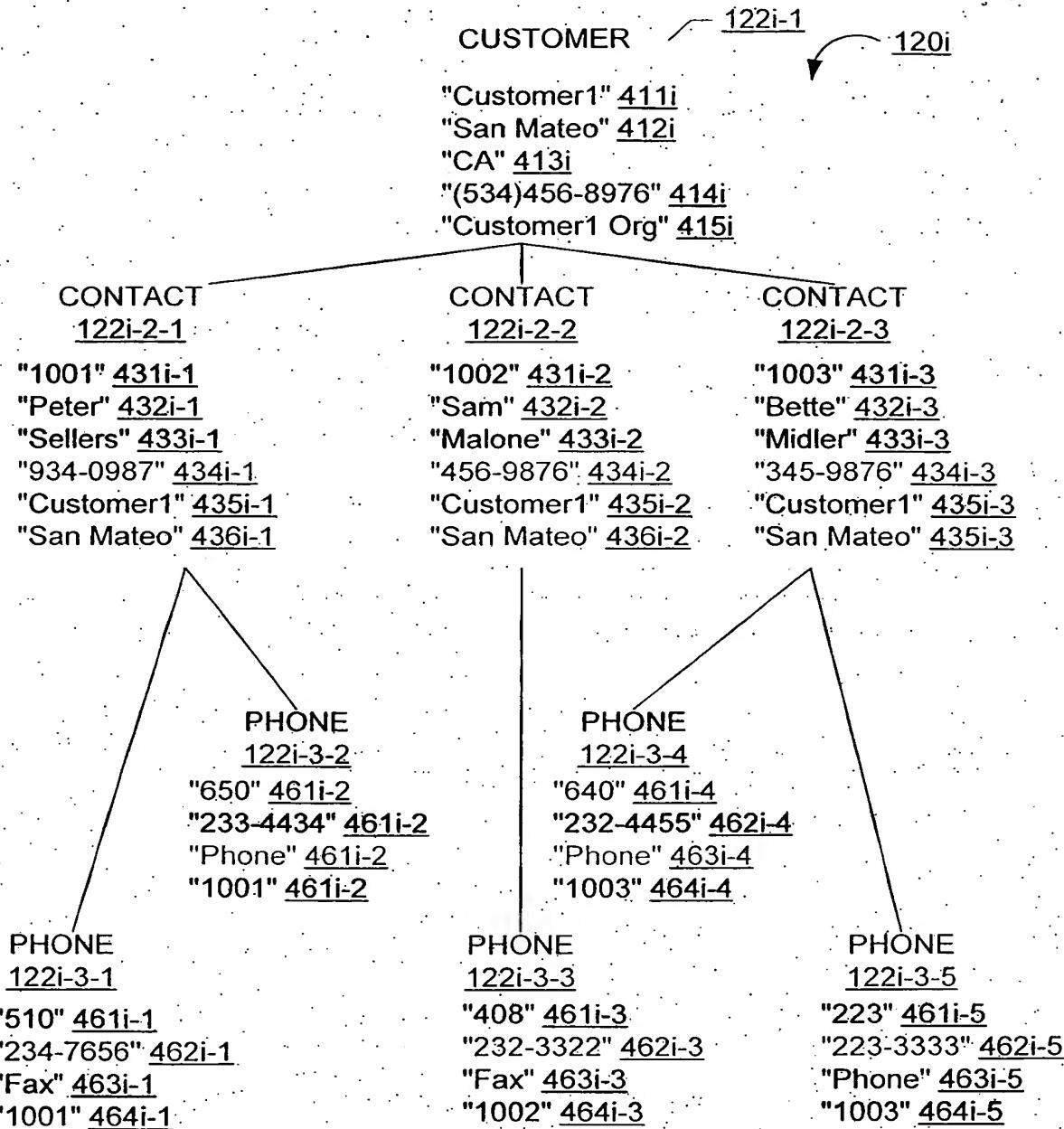


FIG. 5

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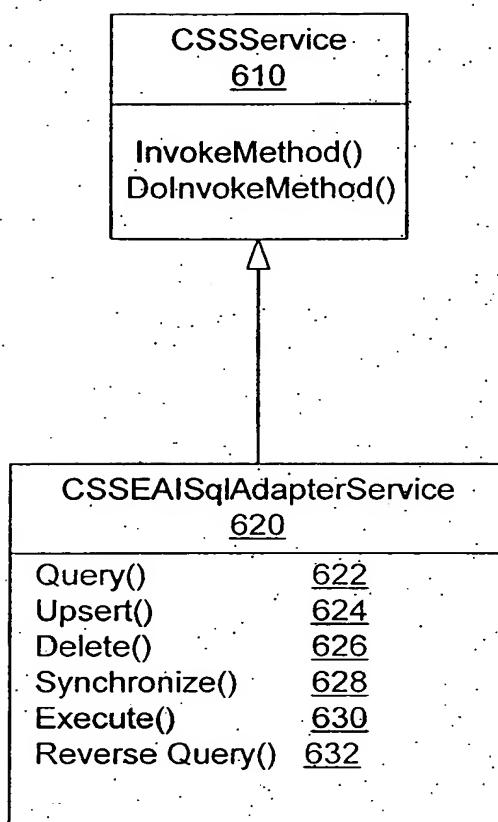
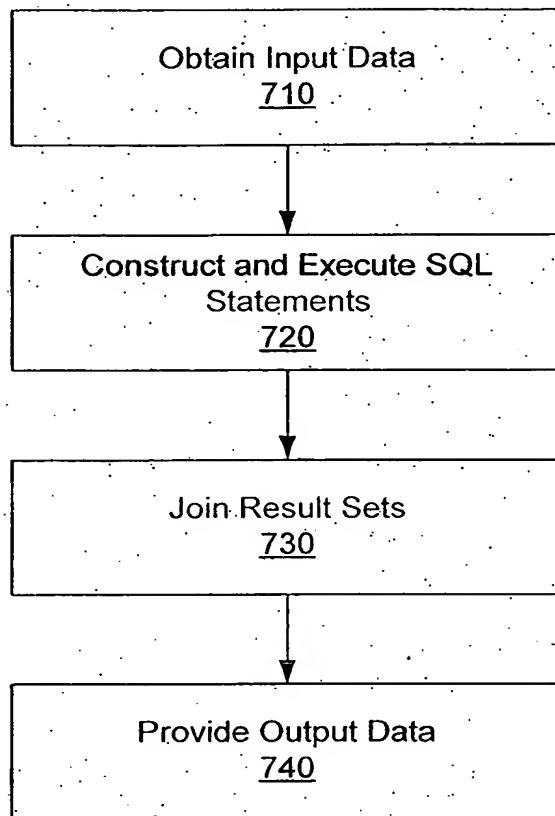


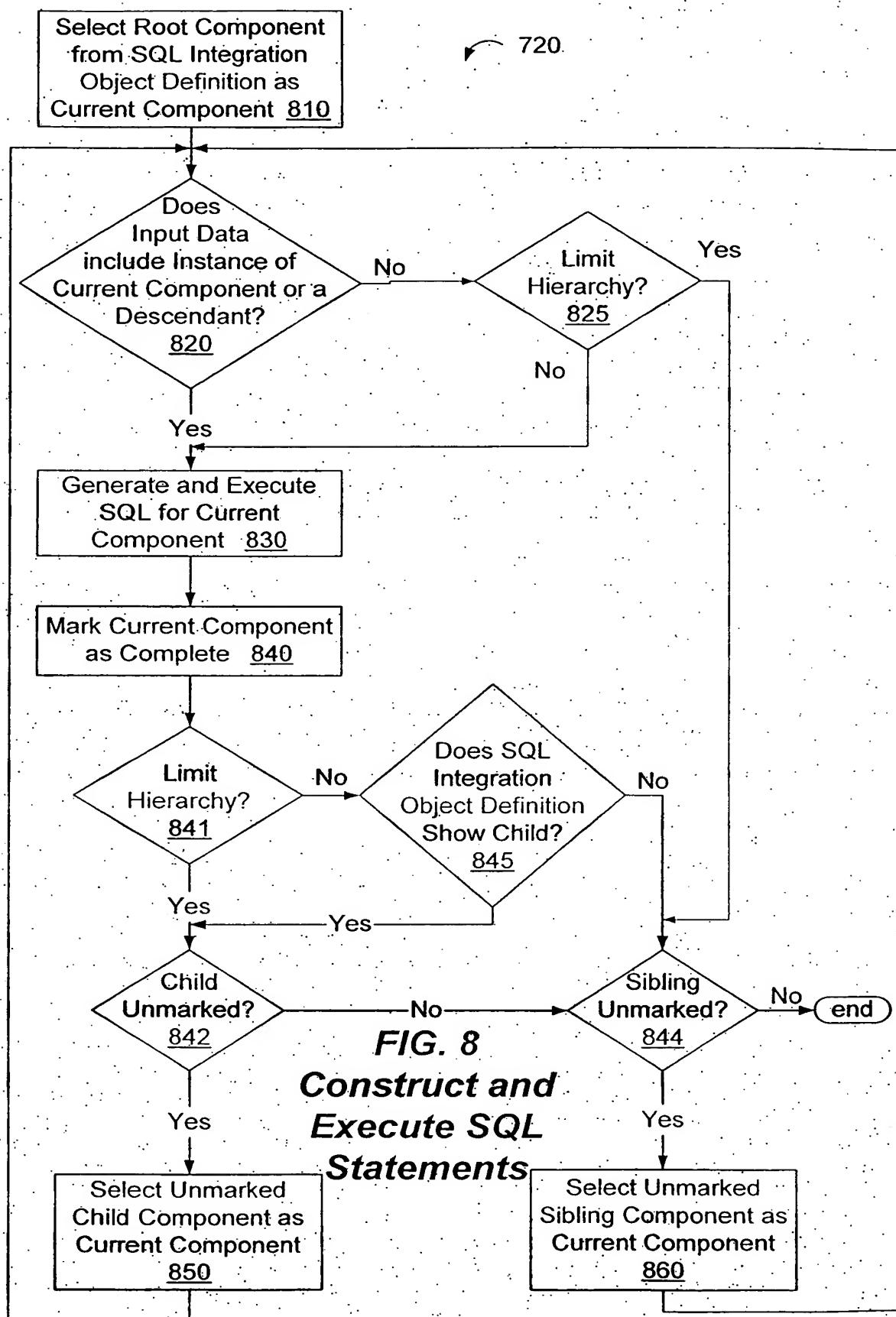
FIG. 6

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Query
FIG. 7



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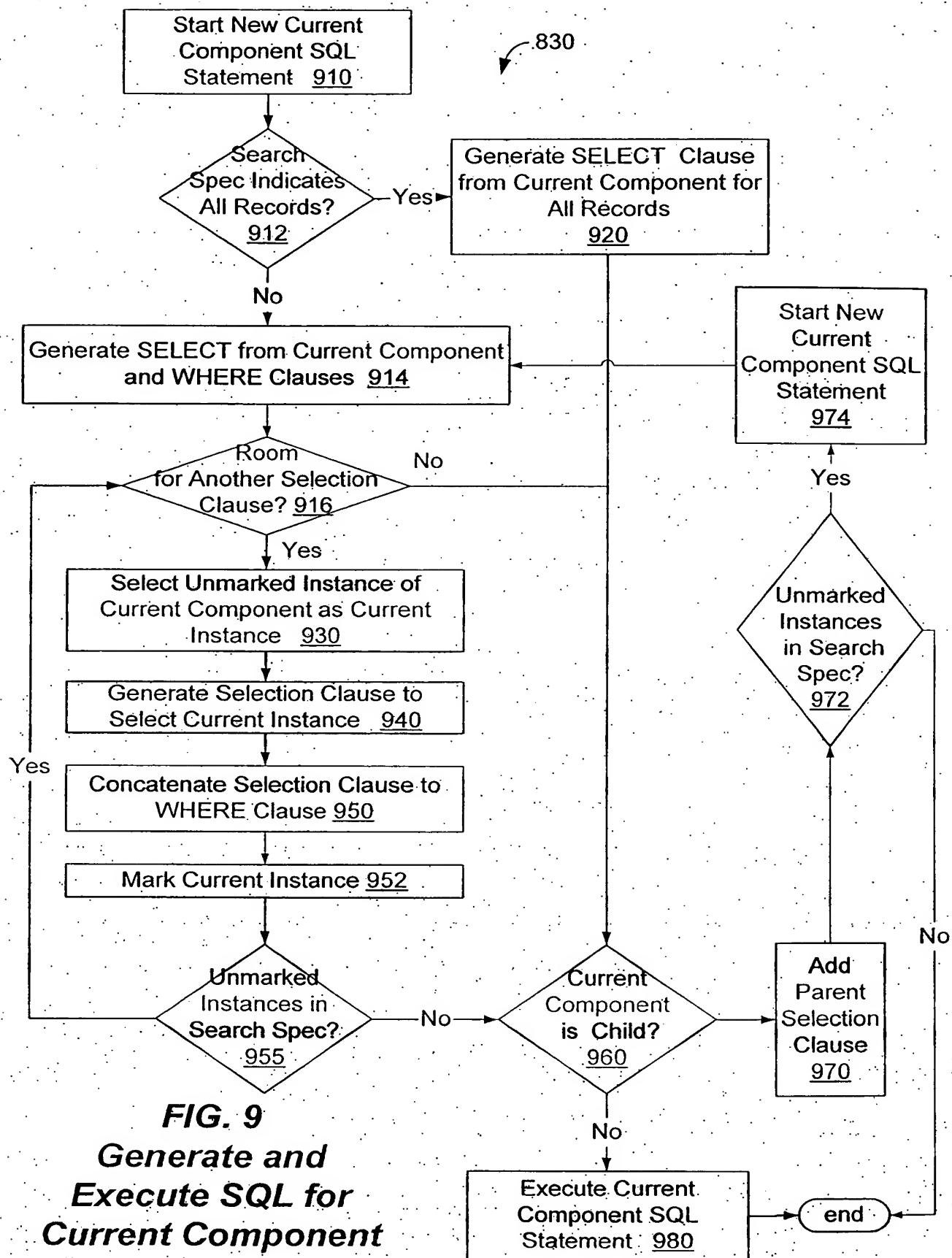
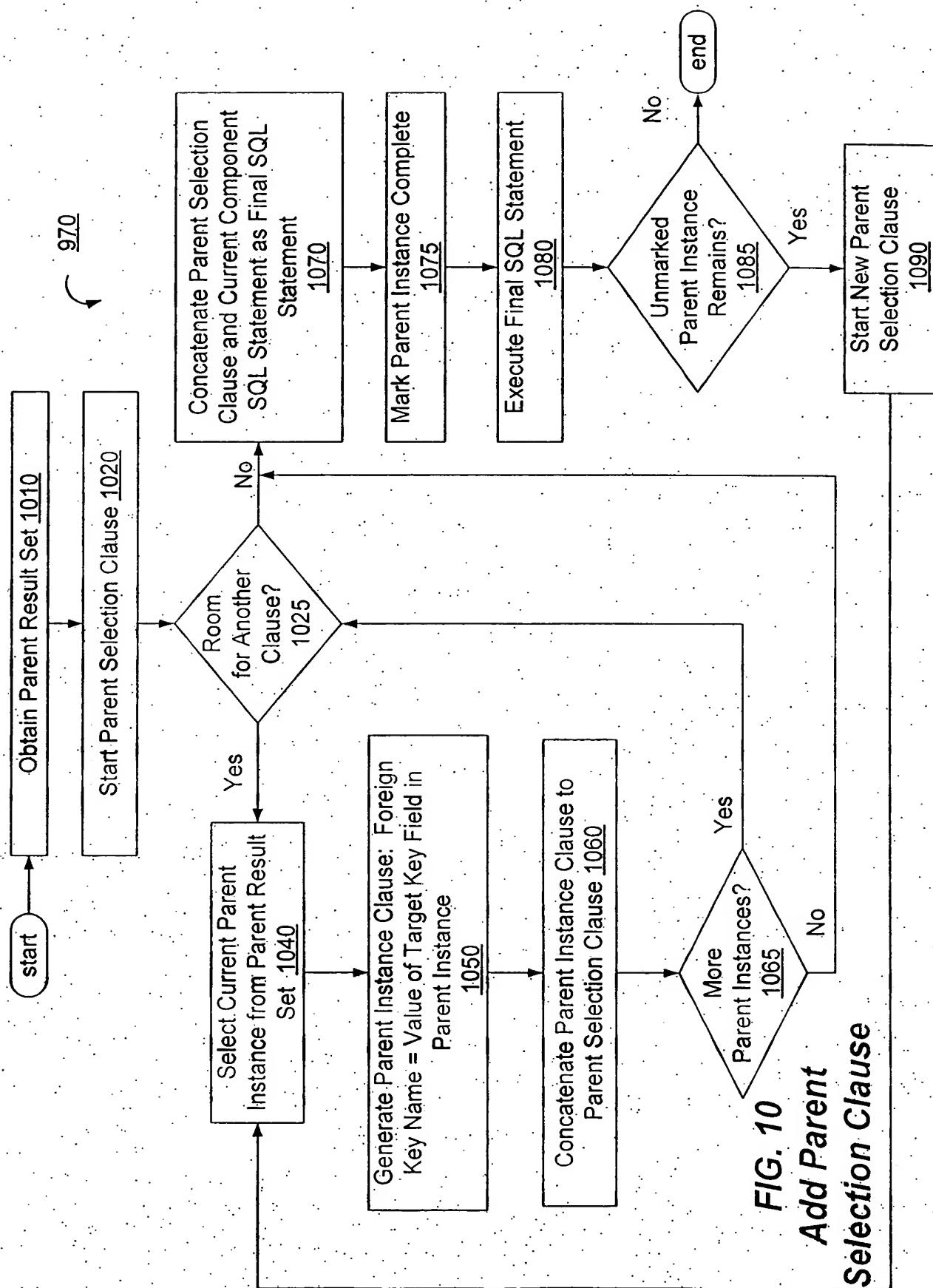


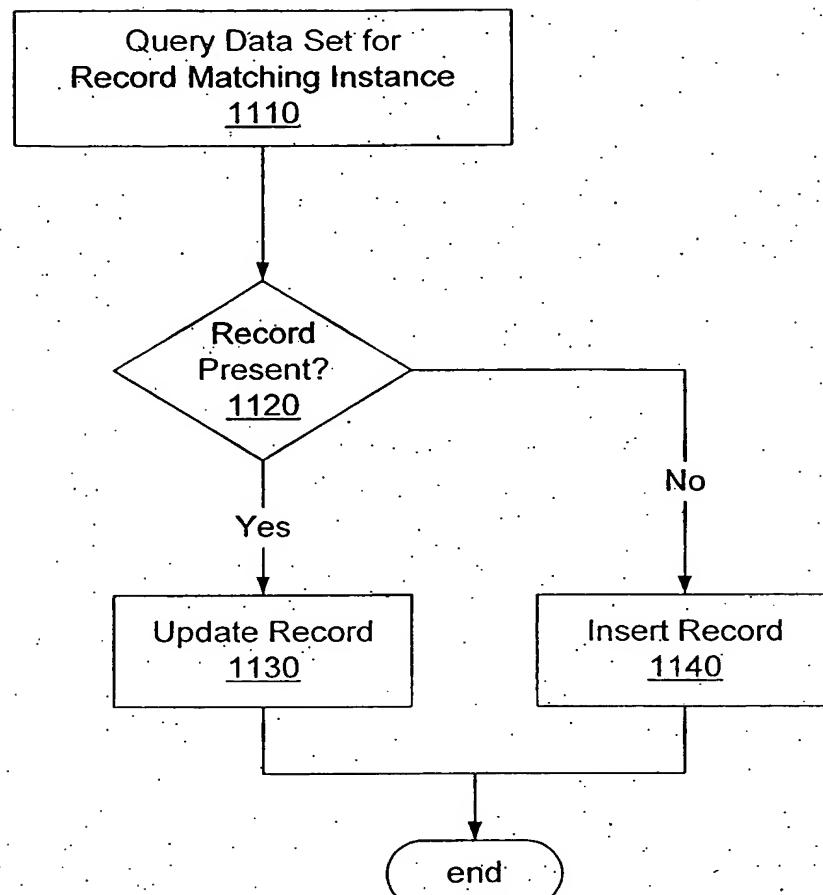
FIG. 9

Generate and Execute SQL for Current Component



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Upset Record
FIG. 11

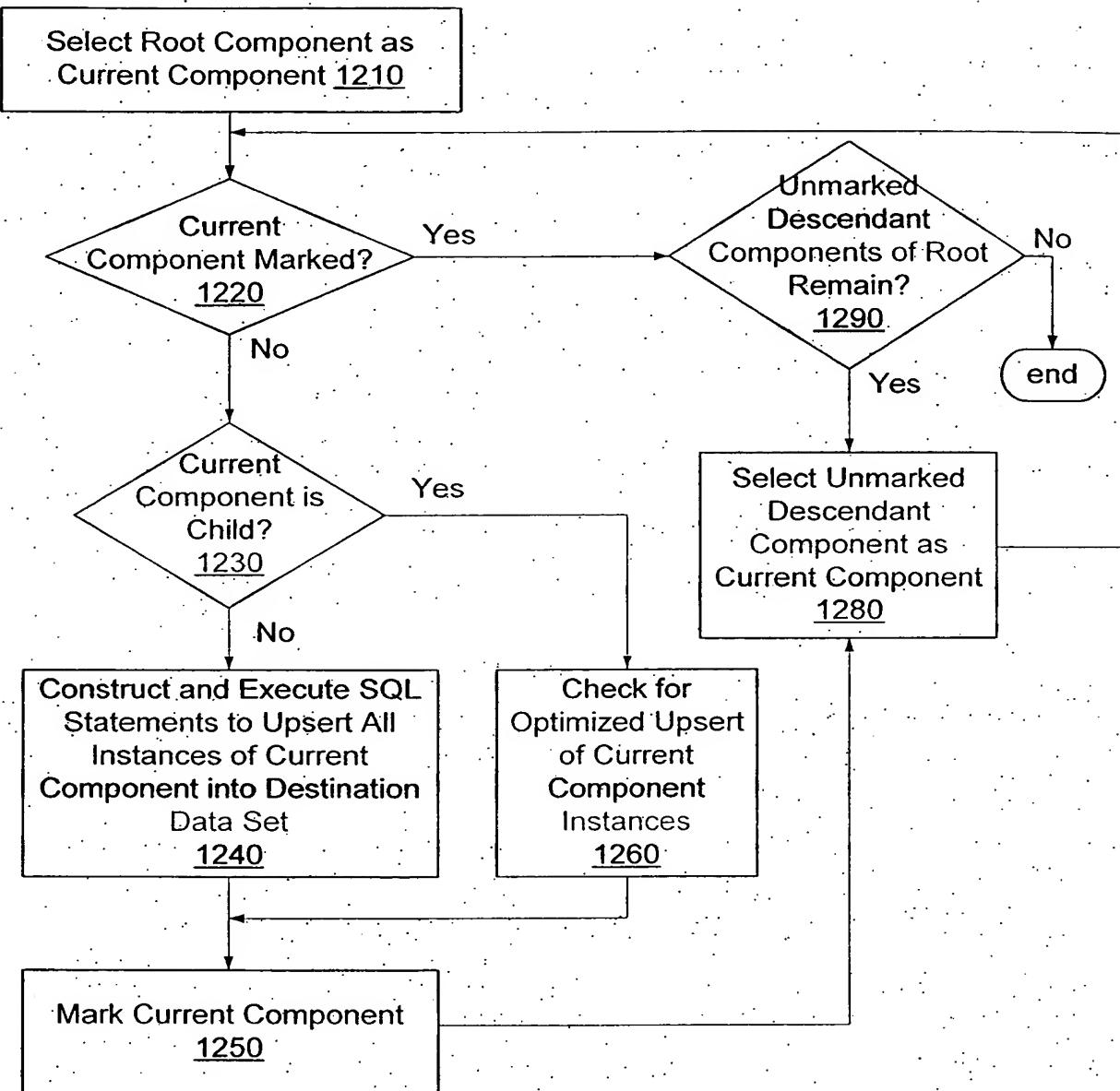


FIG. 12
Upsert Data Set

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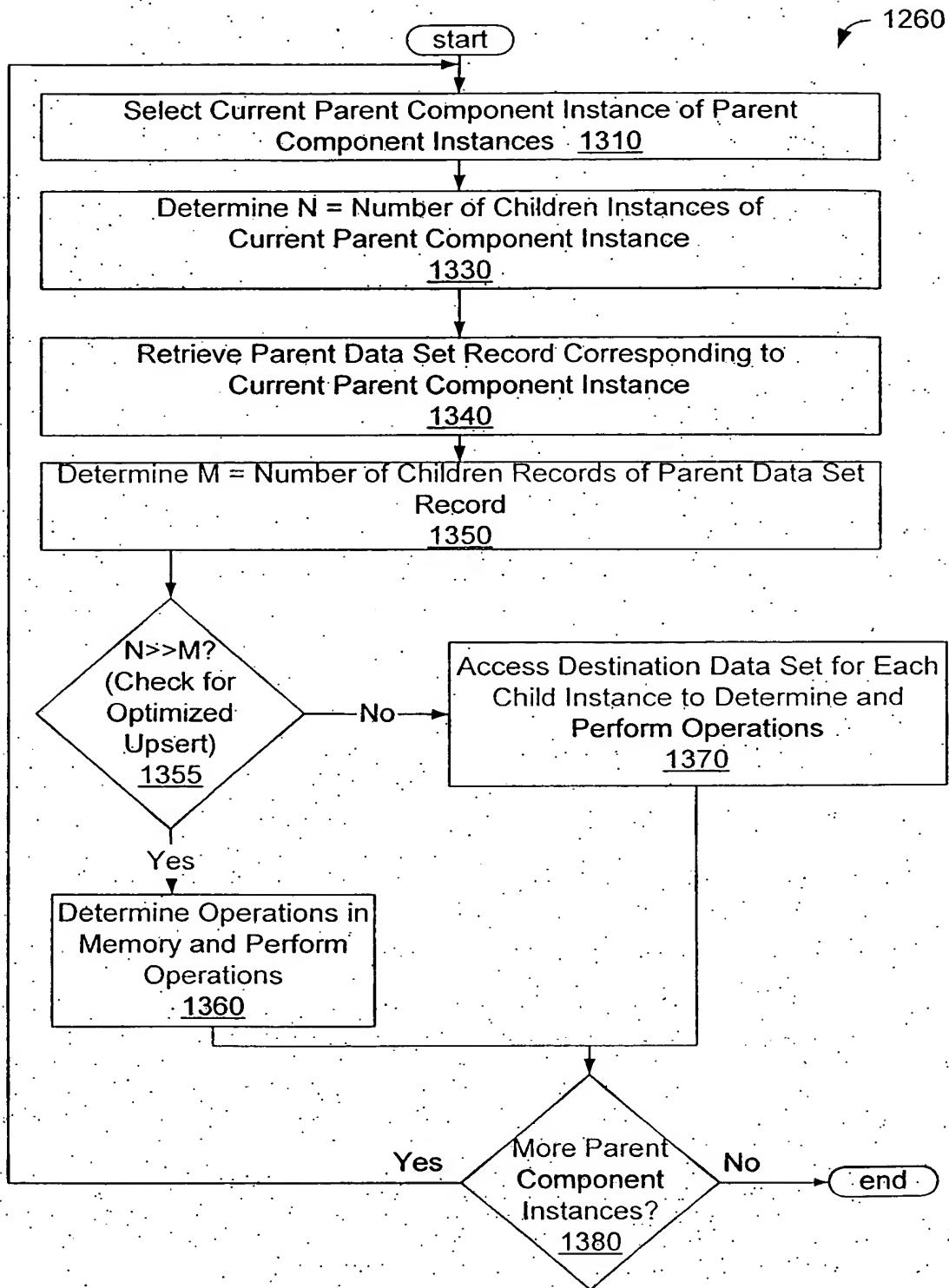


FIG. 13
Check for Optimized Upsert of Child Component Instances

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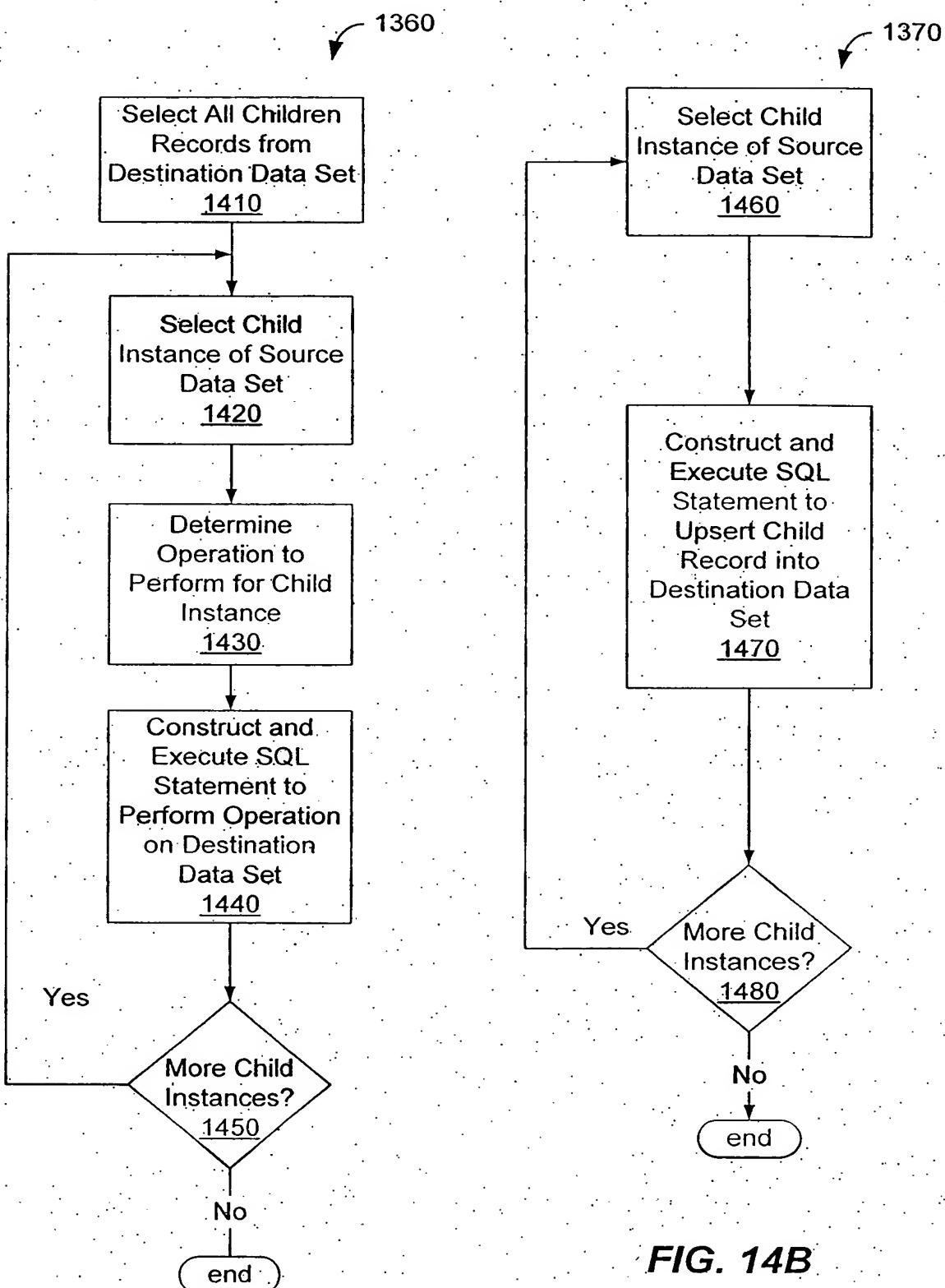
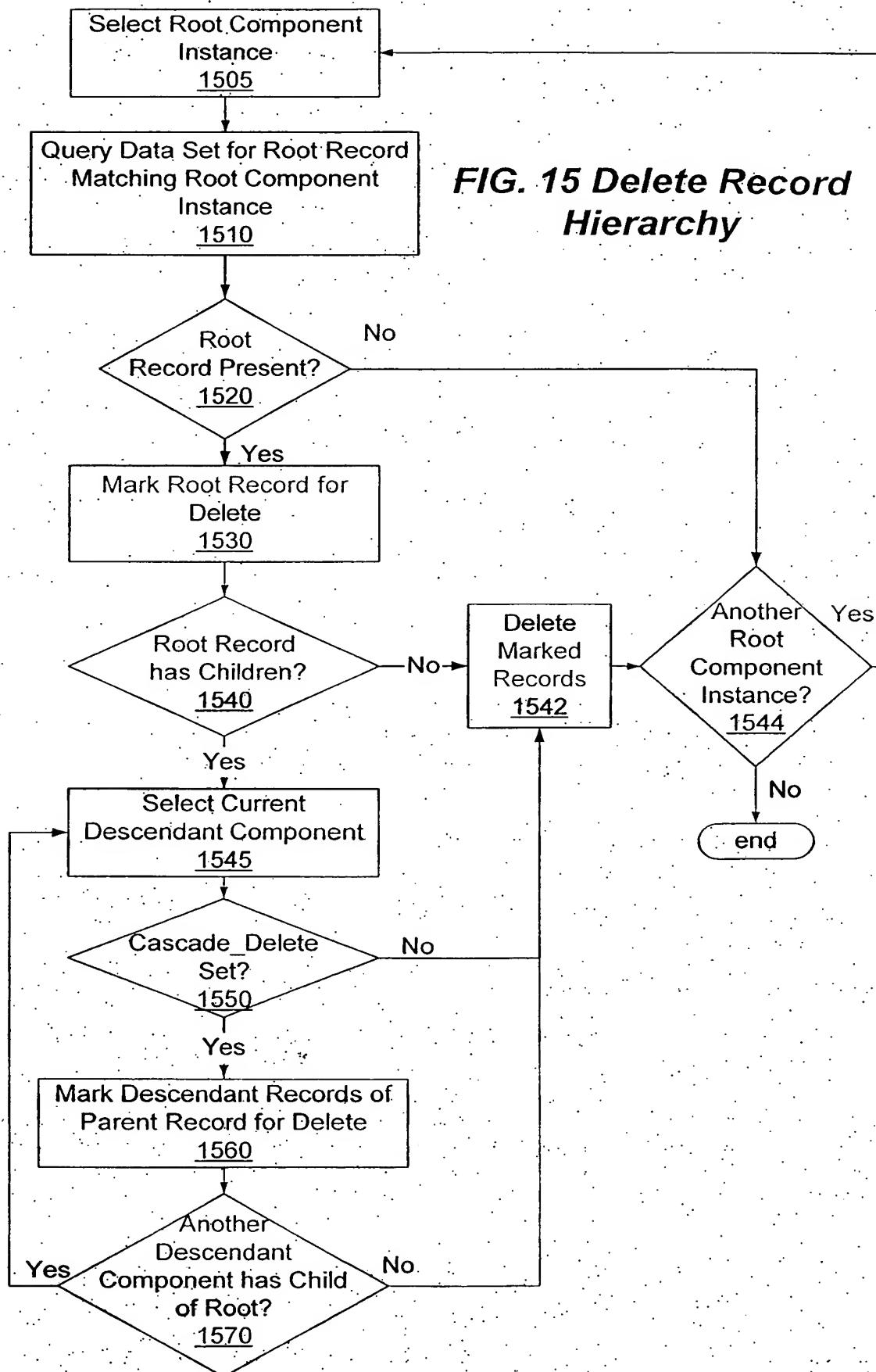


FIG. 14A

FIG. 14B



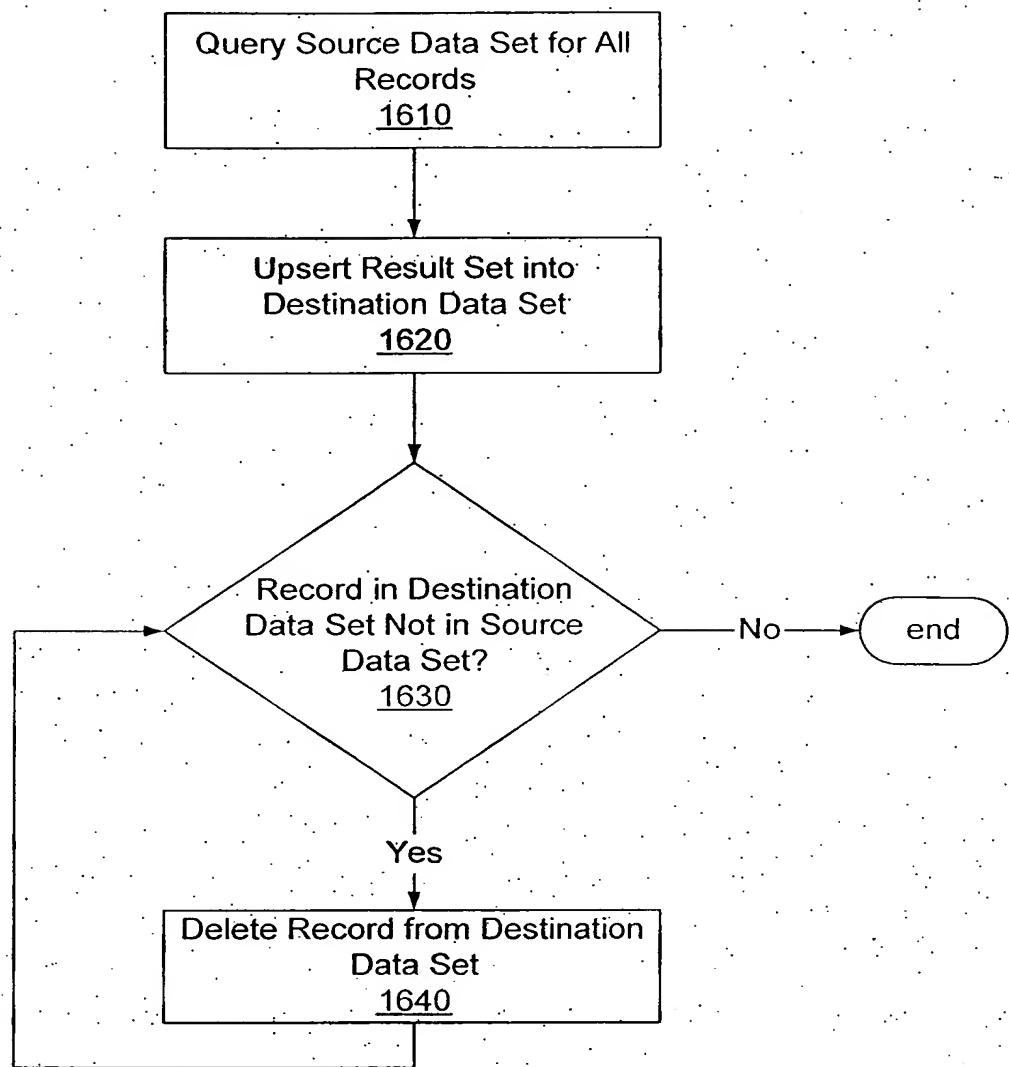


FIG. 16 Synchronize Data Sets

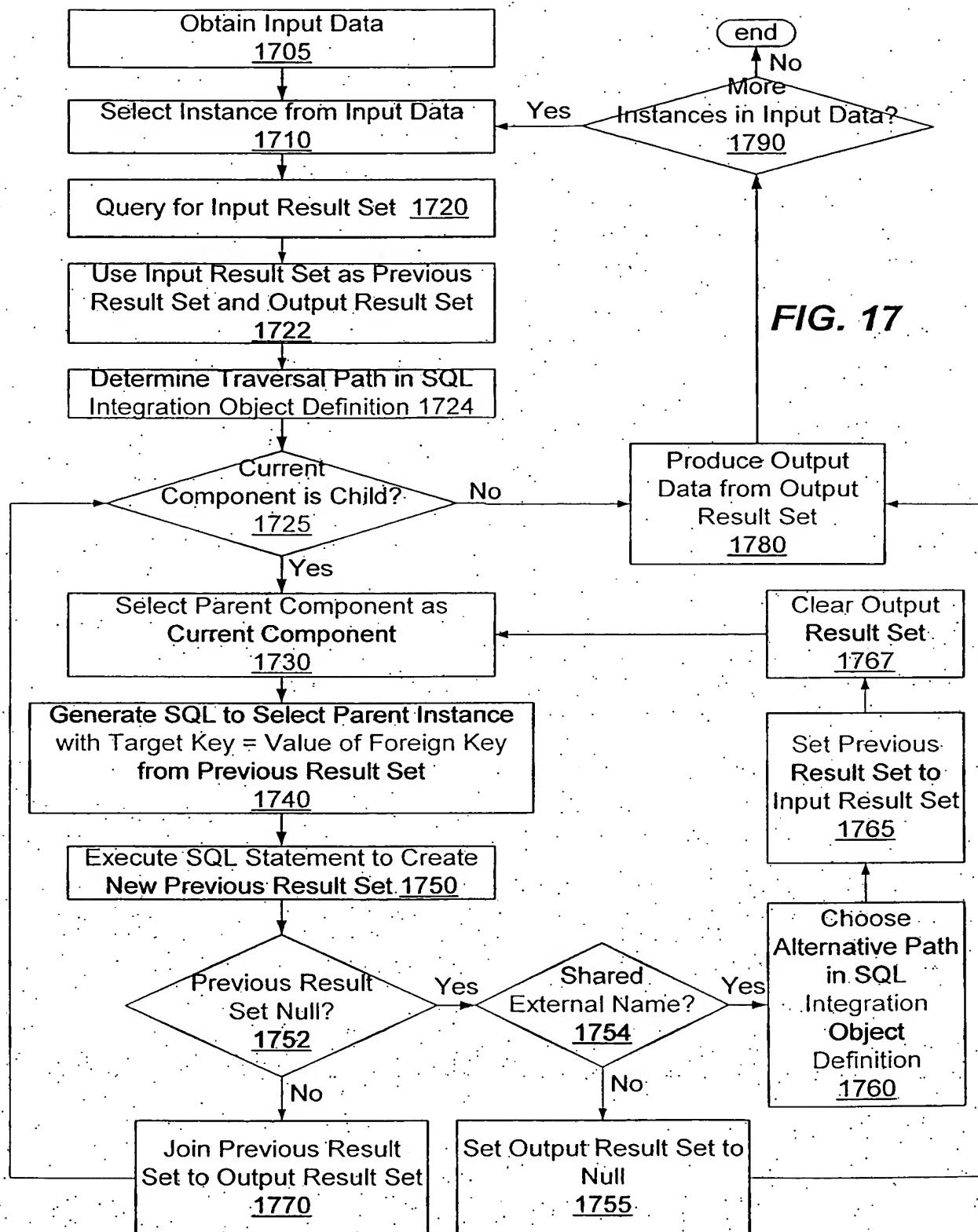
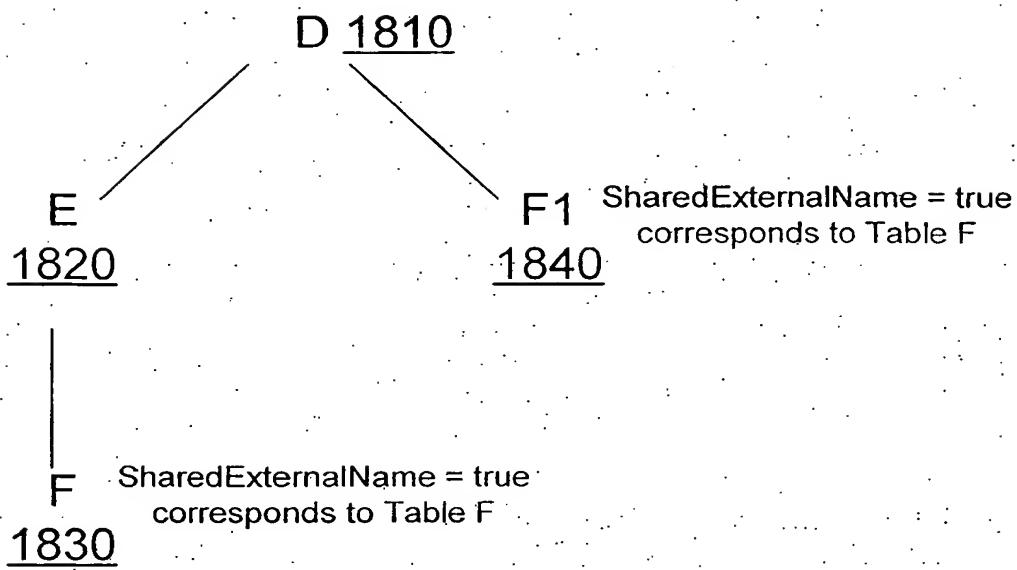


FIG. 17

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Search Specification: FID = 5

FIG. 18

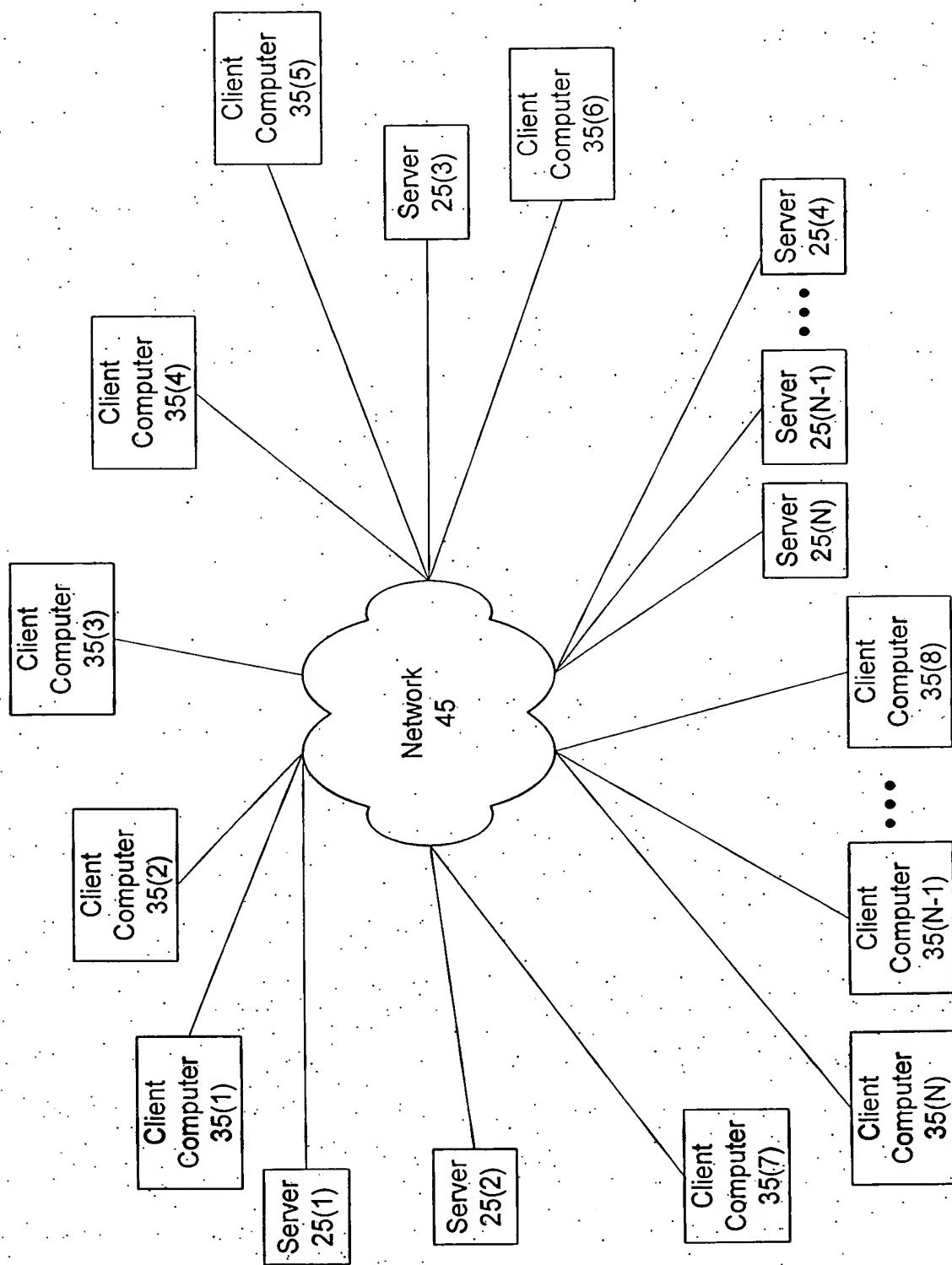


FIG. 19

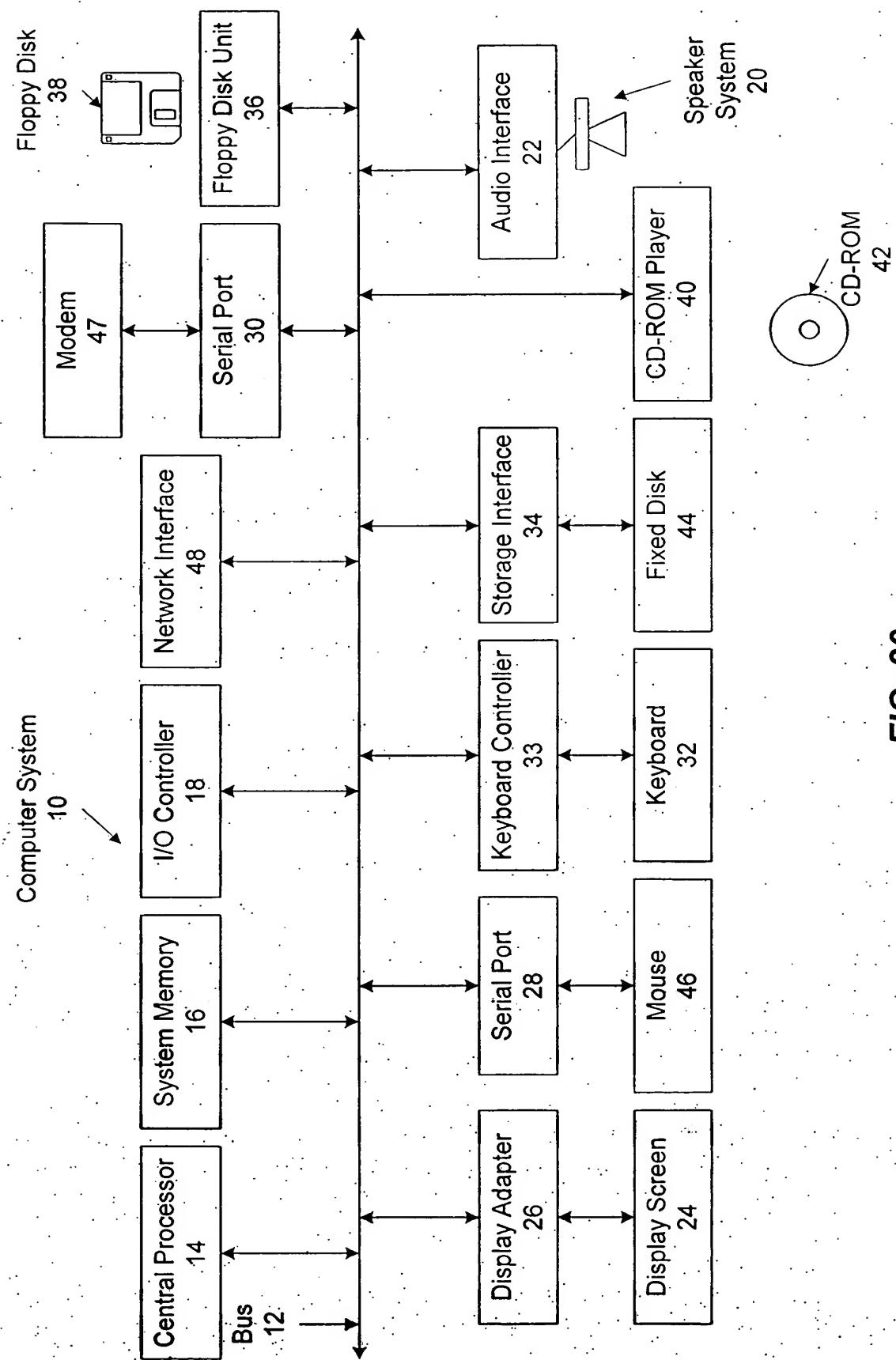


FIG. 20

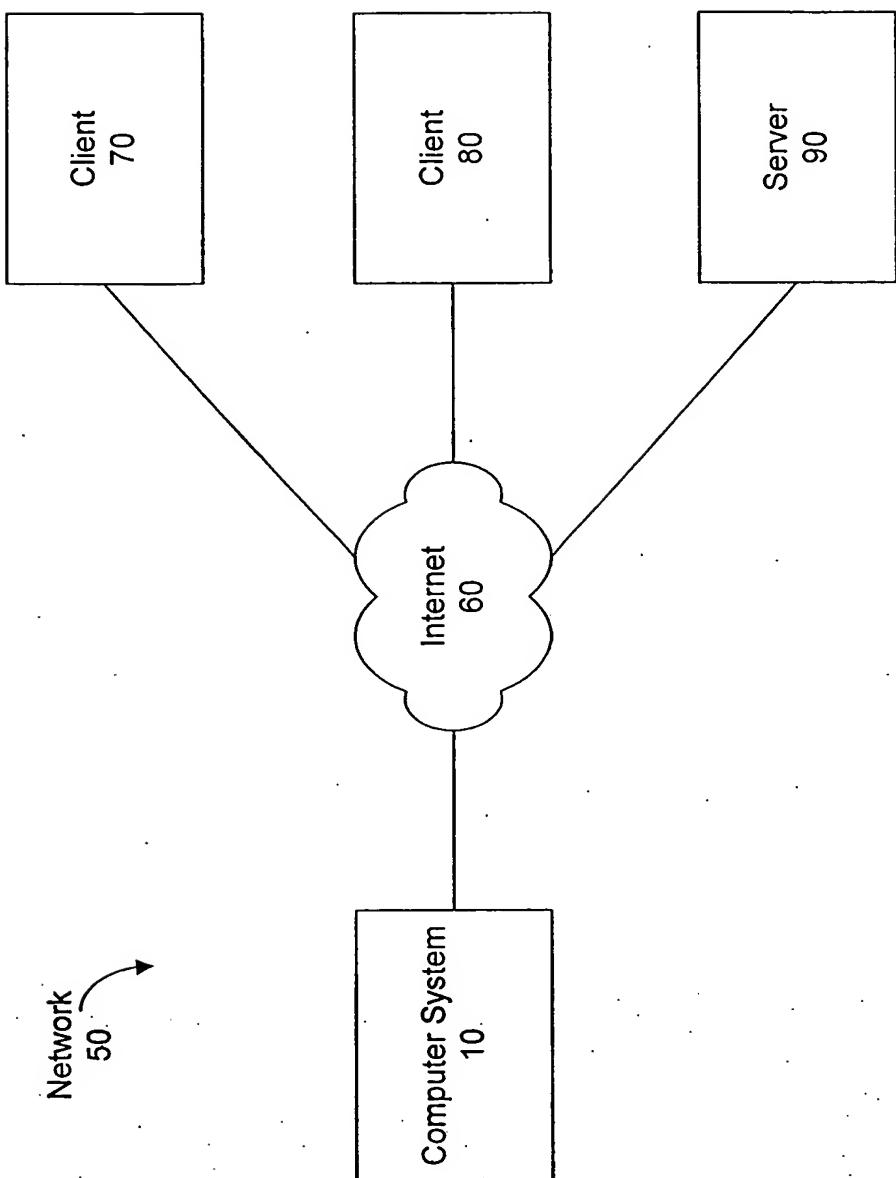


FIG. 21